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### EP1389847

Thus, more functionality (higher maximum supported **MCS**, **Incremental Redundancy** instead of Chase Combining) can be allocated to additional processes. ...

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The initial **MCS** has to be defined as said later on: [0072] Things are further complicated when type II Hybrid ARQ (**Incremental Redundancy**) is utilized. ...

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### CommsDesign - Create a flexible EDGE data receiver

**Incremental redundancy** influences primarily amount for the memory required on the baseband chip. The format of the **soft decision** directly translates into ...

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### Adaptation Techniques in Wireless Packet Data Services

In the case of **incremental redundancy**, received data and parity blocks must ...

However, **MCS-9** will provide the highest peak rate when radio frequency (RF) ...

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### [PDF] Adaptation Techniques in Wireless Packet Data Services

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tional coded bits, It attempts **soft decision** decoding using This redundant information in addition ... **incremental redundancy**. in addition, to achieve ...

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### Data compression with incremental redundancy patent

in a packet-based Data transmission including **incremental redundancy** ...

when **soft-decision** decoding is employed in an IR system more Data has to be stored. ...

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### Data compression with incremental redundancy patent

in a packet-based Data transmission including **incremental redundancy** (IR) protocols,

... **MCS-9**, there are 2 packet Data units (PDUs) in a radio block, ...

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### [PDF] Optimizing the ARQ Performance in Downlink Packet Data Systems ...

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for both Chase combining and simple ARQ, the **MCS** used in ... ment of **incremental redundancy** in wireless data networks by measure- ...

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### [PDF] Nikolai Nefedov, Markku Pukkila, Raphael Visoz, and Antoine ...

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"max-log" approximation on **soft decision** outputs rather con- ... Performance of TD combined with **incremental redundancy** versus. carrier/interference ratio. ...

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[PDF] Iterative Data Detection and Channel Estimation for Advanced TDMA ...

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approximation on **soft decision** outputs rather considers ... GPRS (EGPRS) for different modulation-coding schemes (**MCS**). the receiver is made of a 5-tap ...

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...enhanced cellular communication systems to discriminate between lower or higher variable RF channels with or without **incremental redundancy**. 10 BACKGROUND ART Background and relevant prior art in the above technical field is disclosed in the following documents...  
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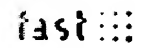
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 Granstrand, P.; Lagerstrom, B.; Svensson, P.; Olofsson, H.; Falk, J.-E.; Stoltz, B.;  
 Photonics Technology Letters, IEEE  
 Volume 6, Issue 1, Jan. 1994 Page(s):71 - 73  
 Digital Object Identifier 10.1109/68.265893  
[AbstractPlus](#) | Full Text: [PDF](#)(268 KB) IEEE JNL
- ☐ 2. **High capacity with limited spectrum in cellular systems**  
 Madfors, M.; Wallstedt, K.; Magnusson, S.; Olofsson, H.; Backman, P.-O.; Engstrom, S.;  
 Communications Magazine, IEEE  
 Volume 35, Issue 8, Aug. 1997 Page(s):38 - 45  
 Digital Object Identifier 10.1109/35.606027  
[AbstractPlus](#) | Full Text: [PDF](#)(1456 KB) IEEE JNL
- ☐ 3. **EDGE: enhanced data rates for GSM and TDMA/136 evolution**  
 Furuskar, A.; Mazur, S.; Muller, F.; Olofsson, H.;  
 Personal Communications, IEEE [see also IEEE Wireless Communications]  
 Volume 6, Issue 3, June 1999 Page(s):56 - 66  
 Digital Object Identifier 10.1109/98.772978  
[AbstractPlus](#) | Full Text: [PDF](#)(2244 KB) IEEE JNL
- ☐ 4. **Integrated optics 4×4 switch matrix with digital optical switches**  
 Granstrand, P.; Lagerstrom, B.; Svensson, P.; Thylen, L.; Stoltz, B.; Bergvall, K.; Falk, J.-E.;  
 Electronics Letters  
 Volume 26, Issue 1, 4 Jan. 1990 Page(s):4 - 5  
[AbstractPlus](#) | Full Text: [PDF](#)(184 KB) IEE JNL
- ☐ 5. **Tree-structured polarisation independent 4×4 switch matrix in LiNbO<sub>3</sub>**  
 Granstrand, P.; Lagerstrom, B.; Svensson, P.; Thylen, L.; Stoltz, B.; Bergvall, K.; Olofsson, H.;  
 Electronics Letters  
 Volume 24, Issue 19, 15 Sept. 1988 Page(s):1198 - 1200  
[AbstractPlus](#) | Full Text: [PDF](#)(332 KB) IEE JNL
- ☐ 6. **Cell search performance in UTRA**  
 Olofsson, H.; Sundelim, M.; Edvardsson, M.; Dahlman, E.;  
 Vehicular Technology Conference, 1999. VTC 1999 - Fall. IEEE VTS 50th  
 Volume 2, 19-22 Sept. 1999 Page(s):934 - 938 vol.2  
[AbstractPlus](#) | Full Text: [PDF](#)(389 KB) IEEE CNF

7. **System performance of the EDGE concept for enhanced data rates in GSM and TD**

- ┐ Furuskar, A.; Bladsjo, D.; Eriksson, S.; Frodigh, M.; Javerbring, S.; Olofsson, H.;  
Wireless Communications and Networking Conference, 1999. WCNC. 1999 IEEE  
21-24 Sept. 1999 Page(s):752 - 756 vol.2  
Digital Object Identifier 10.1109/WCNC.1999.796748  
[AbstractPlus](#) | Full Text: [PDF\(492 KB\)](#) IEEE CNF
- ┐ **8. Comparison of link quality control strategies for packet data services in EDGE**  
Eriksson, S.; Furuskar, A.; Hook, M.; Javerbring, S.; Olofsson, H.; Skold, J.;  
Vehicular Technology Conference, 1999 IEEE 49th  
Volume 2, 16-20 May 1999 Page(s):938 - 942 vol.2  
Digital Object Identifier 10.1109/VETEC.1999.780485  
[AbstractPlus](#) | Full Text: [PDF\(560 KB\)](#) IEEE CNF
- ┐ **9. Capacity evaluation of the EDGE concept for enhanced data rates in GSM and TDMA**  
Furuskar, A.; Hook, M.; Javerbring, S.; Olofsson, H.; Skold, J.;  
Vehicular Technology Conference, 1999 IEEE 49th  
Volume 2, 16-20 May 1999 Page(s):1648 - 1652 vol.2  
Digital Object Identifier 10.1109/VETEC.1999.780680  
[AbstractPlus](#) | Full Text: [PDF\(512 KB\)](#) IEEE CNF
- ┐ **10. Aspects of introducing EDGE in existing GSM networks**  
Olofsson, H.; Furuskar, A.;  
Universal Personal Communications, 1998. ICUPC '98. IEEE 1998 International Conference  
Volume 1, 5-9 Oct. 1998 Page(s):421 - 426 vol.1  
Digital Object Identifier 10.1109/ICUPC.1998.733014  
[AbstractPlus](#) | Full Text: [PDF\(528 KB\)](#) IEEE CNF
- ┐ **11. A test system for evaluation of the WCDMA technology**  
Sundelin, M.; Granzow, W.; Olofsson, H.;  
Vehicular Technology Conference, 1998. VTC 98. 48th IEEE  
Volume 2, 18-21 May 1998 Page(s):983 - 987 vol.2  
Digital Object Identifier 10.1109/VETEC.1998.686387  
[AbstractPlus](#) | Full Text: [PDF\(476 KB\)](#) IEEE CNF
- ┐ **12. System performance of EDGE, a proposal for enhanced data rates in existing digital cellular systems**  
Furuskar, A.; Frodigh, M.; Olofsson, H.; Skold, J.;  
Vehicular Technology Conference, 1998. VTC 98. 48th IEEE  
Volume 2, 18-21 May 1998 Page(s):1284 - 1289 vol.2  
Digital Object Identifier 10.1109/VETEC.1998.686446  
[AbstractPlus](#) | Full Text: [PDF\(616 KB\)](#) IEEE CNF
- ┐ **13. Performance evaluation of different frequency reuse patterns and channel coding schemes in GPRS**  
Larsson, P.; Olofsson, H.;  
Vehicular Technology Conference, 1998. VTC 98. 48th IEEE  
Volume 1, 18-21 May 1998 Page(s):139 - 143 vol.1  
Digital Object Identifier 10.1109/VETEC.1998.686493  
[AbstractPlus](#) | Full Text: [PDF\(496 KB\)](#) IEEE CNF
- ┐ **14. Multiple reuse patterns for frequency planning in GSM networks**  
Engstrom, S.; Johansson, T.; Kronestedt, F.; Larsson, M.; Lidbrink, S.; Olofsson, H.;  
Vehicular Technology Conference, 1998. VTC 98. 48th IEEE  
Volume 3, 18-21 May 1998 Page(s):2004 - 2008 vol.3  
Digital Object Identifier 10.1109/VETEC.1998.686107  
[AbstractPlus](#) | Full Text: [PDF\(504 KB\)](#) IEEE CNF
- ┐ **15. Evaluation of the mixed service ability for competitive third generation multiple access technologies**  
Ericson, M.; Olofsson, H.; Wahlqvist, M.; Ostberg, C.;  
Vehicular Technology Conference, 1997 IEEE 47th  
Volume 3, 4-7 May 1997 Page(s):1356 - 1359 vol.3



Digital Object Identifier 10.1109/VETEC.1997.605402

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16. **Transmitter diversity with antenna hopping for wireless communication systems**  
Olofsson, H.; Almgren, M.; Hook, M.;  
Vehicular Technology Conference, 1997 IEEE 47th  
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Digital Object Identifier 10.1109/VETEC.1997.605857  
[AbstractPlus](#) | Full Text: [PDF\(472 KB\)](#) IEEE CNF
17. **Capacity comparison of an OFDM based multiple access system using different d: resource allocation**  
Wahlqvist, M.; Olofsson, H.; Ericson, M.; Ostberg, C.; Larsson, R.;  
Vehicular Technology Conference, 1997 IEEE 47th  
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Digital Object Identifier 10.1109/VETEC.1997.605841  
[AbstractPlus](#) | Full Text: [PDF\(412 KB\)](#) IEEE CNF
18. **Dynamic neighbor cell list planning in a microcellular network**  
Magnusson, S.; Olofsson, H.;  
Universal Personal Communications Record, 1997. Conference Record., 1997 IEEE 6th  
International Conference on  
12-16 Oct. 1997 Page(s):223 - 227 vol.1  
Digital Object Identifier 10.1109/ICUPC.1997.625551  
[AbstractPlus](#) | Full Text: [PDF\(620 KB\)](#) IEEE CNF
19. **Improved interface between link level and system level simulations applied to GSM**  
Olofsson, H.; Almgren, M.; Johansson, C.; Hook, M.; Kronestedt, F.;  
Universal Personal Communications Record, 1997. Conference Record., 1997 IEEE 6th  
International Conference on  
12-16 Oct. 1997 Page(s):79 - 83 vol.1  
Digital Object Identifier 10.1109/ICUPC.1997.625485  
[AbstractPlus](#) | Full Text: [PDF\(1032 KB\)](#) IEEE CNF
20. **A concept for dynamic neighbor cell list planning in a cellular system**  
Olofsson, H.; Magnusson, S.; Almgren, M.;  
Personal, Indoor and Mobile Radio Communications, 1996. PIMRC'96., Seventh IEEE  
International Symposium on  
Volume 1, 15-18 Oct. 1996 Page(s):138 - 142 vol.1  
Digital Object Identifier 10.1109/PIMRC.1996.567532  
[AbstractPlus](#) | Full Text: [PDF\(452 KB\)](#) IEEE CNF
21. **Frequency diversity gain in indoor GSM systems**  
Hook, M.; Johansson, C.; Olofsson, H.;  
Vehicular Technology Conference, 1996. 'Mobile Technology for the Human Race', IEE  
Volume 1, 28 April-1 May 1996 Page(s):316 - 320 vol.1  
Digital Object Identifier 10.1109/VETEC.1996.503460  
[AbstractPlus](#) | Full Text: [PDF\(424 KB\)](#) IEEE CNF
22. **Interference diversity gain in frequency hopping GSM**  
Olofsson, H.; Naslund, J.; Skold, J.;  
Vehicular Technology Conference, 1995 IEEE 45th  
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Inventor Name	City	State/Country
CHANG, LI FUNG	HOLMDEL	NEW JERSEY
SOLLENBERGER, NELSON	FARMINGDALE	NEW JERSEY
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